Electronic Acknowledgement Receipt				
EFS ID:	3445082			
Application Number:	10678800			
International Application Number:				
Confirmation Number:	3882			
Title of Invention:	Preserving sets of information in rollup tables			
First Named Inventor/Applicant Name:	Todd P. Guay			
Correspondence Address:	Gordon E. Nelson 57 Central St. P.O. Box 782 - Rowley MA 01969 US 19789487632			
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)		
1		oracle01_026_oa4_resp_efs. pdf	403601	yes	15		
'			e921e0d2607dcad03fe6f11e26f419a5c 290a131				
	Multipart Description/PDF files in .zip description						
	Document Description		Start	End			
	Amendment After Final		1	13			
	Drawings-only black and white line drawings		14	15			
Warnings:							
Information	:						
		Total Files Size (in bytes)	41	03601			

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt. in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.